



# RESEARCH DIAGNOSTICS, INC

Welcome to the Home Page of **RESEARCH DIAGNOSTICS INC**  
-distributor of fine immunochemical products.

**Our Address: Research Diagnostics Inc Pleasant Hill Road Flanders NJ 07836**

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[CLICK HERE FOR WHAT'S NEW!](#)

**NEW:** On Line spec sheets for most products.

Click on the below "topics" to proceed to the respective product indexes.

See our new [alphabetical antibody list](#) with spec sheet links!

[SEARCH FORM](#) (click to search our entire web site)

RDI is a distributor of fine immunochemical products including pure Janssen drugs for in vitro research (anti-fungals, anti-psychotics, anti-histaminics, anti-neuroleptics and more..), [monoclonal antibodies](#) against items as CD clustered immunoglobulins, anti-growth factors, receptors, proteins, tumor markers, toxins, viruses, cytokeratins, cytoskeletal proteins, and ion transport proteins (NA K & Ca ATPase etc), high purity immunochemicals as cytokines, growth factors, and chemokines, Gold conjugates [EM/LM/Bioassay](#) use, detection systems as our [POLY-HRP Product line](#) and reagents for sensitive ELISA and histochemical development, Cytochrome P450 enzymes and antibodies for drug research, new Elisa kits for Biogenic amines (histamine, adrenaline, metanephrine, serotonin and more), Other Kits for Cytokines, IgG Subclass, Steroid Hormones (see master kit list) .... & [Pure Antigens](#) for immunoassay development and in vitro research use. [CLICK HERE](#) to see our list of pure/USP grade drug/metabolites/analytical standards

We are proud to represent the product lines of many international companies including JANSSEN Pharmaceutica (Belgium), CLB REAGENTS (Netherlands Red Cross), CYMBUS BIOTECHNOLOGY (U.K.), KEM-EN-TEC (Denmark), SDT Inc (Germany), Hytest (FINLAND) Progen Biotechnik GmbH(Germany) and many others.

To inquire if we have a product, [Click Here](#) to send us an EMAIL message. Please include your full name, address, email, fax number and description of the item(s) you require. We will search our catalog and fax you back with sample spec sheets as soon as possible.

[Click here for our general ordering information](#)

[\(purchase orders, VISA/ Mastercard or American Express accepted\)](#)



Keywords: Monoclonals , Antibodies , CD Clustered Antibodies, Cytokines, Growth Factors, Chemokines, Immunochemicals, RIA, EIA, GOLD, Custom Synthesis, Cytochrome P450, Flow Cytometry, POLY-HRP, Blotting,

Biotechnology, Cell Biology, Janssen Biotech, Cymbus Biotechnology, CLB Reagents, SDT Inc, Progen, Standards,  
Metabolites, Detection Reagents, Human Proteins, USP Grade Chemicals,  
revised: May 21, 1999



rev:January 3, 1997

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## CD CLUSTERED ANTIBODIES

(anti-Human and others as indicated)

NOTE: 10% Discount on purchases of 3 or more any combination of CD antibodies. Please inquire for bulk or custom formulations (without preservative or carrier).

Research Diagnostics Inc offers a wide line of antibodies. Since no one antibody works best for all applications (flow cytometry, neutralization, blotting, histochemistry, ELISA, etc), we offer many different types of antibodies to help solve this problem. Please inquire for other applications or types of antibodies not listed below. All products are for in vitro research use only-not for use in or on humans or animals-not for use in diagnostics. Price/availability/specifications subject to change without notice.

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### CD57 Antibodies

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#### Mouse anti-human CD57 antibodies

##### -3 clones

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CATALOG#	CLONE#	Wokshop	Host	Form	Price
RDI-M2204clb	NC1	--	mIgM	purified	\$300.00
RDI-CBL519	NK1	--	mIgM	purified	\$350.00
RDI-CBL526	TB01	V	mIgM	purified	\$300.00

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#### Product Specification: mouse monoclonal anti-human CD57

Code: CLB-CD57

CAT#: RDI-M2204clb \$300.00/vial

Lot Number:

Tests/vial: 200

Specificity:

Cell type: NK-cells, subset T lymphocytes

Ag.MW.: 110 kD.

**Reactivity:** The monoclonal antibody is directed against the CD57-antigen, which is expressed on NK-cells and subset T lymphocytes. The monoclonal antibody does not react with human B lymphocytes, monocytes and thrombocytes.

**Application:** Identification of CD57 positive cells in tissue.

Enumeration of CD57 positive cells in peripheral blood.

**Methods:** Indirect staining on cryostat sections. Indirect immunofluorescence staining with analysis by FACS or fluorescence microscopy.

Clone: NC1

This clone has been derived from hybridization of SP2/0 Ag 1.4 cells with spleen cells of a BALB/c mouse immunized with cells from quail ciliary ganglia.

**Mouse isotype:** The monoclonal antibody is of the mouse subclass IgM.

**Source:** Mouse ascites fluid.

**Purification:** Ammoniumsulphate precipitation and ion exchange chromatography.

**Packing:** Each vial contains 1 ml with approximately 200ug/ml monoclonal antibody and 1 mg BSA in PBS.

**Preservative:** Merthiolate (0.001%).

**Storage:** Monoclonal antibodies should be stored below -18Deg C. Repeated thawing and freezing may reduce the antibody activity and should be avoided.

FOR IN VITRO USE ONLY

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### **Mouse Anti-Human CD57**

PRODUCT CODE RDI-CBL519    \$350.00/vial 200ug

CLONE: NK-1

ISOTYPE: IgM

SOURCE: mouse ascities

## PURIFICATION gel filtration

**SPECIFICITY:** This antibody reacts with a carbohydrate antigen present on a subset of peripheral blood mononuclear cells involved in the Natural Killer activity, which is not MHC restricted. The antigen is not present on B cells, monocytes, red blood cells or platelets but is expressed on cells in neuroectodermal tissue. It reacts with 20% of normal human peripheral blood mononuclear cells.

## APPLICATIONS:

- \*Flow cytometric studies
- \*formalin fixed paraffin wax embedded sections
- \*frozen sections
- \*analysis of NK cell mediated cytotoxicity
- \*Studies of functional properties of NK cell and T cell subsets
- \*Studies of neural tissue glycoproteins
- \*Studies of prostatic antigens

## References:

- Abo, T. and Balch, C.M. J. Immunology 127, 1024 (1981)
- McGarry, R.C. Helfand, S.L. Quartes, R.H. and Roder, J.C. Nature 306:376 (1983)
- Lanier, L.L. Le, A.M. Phillips, J.H. Wamer, N.L. and Babcock, J.F. J. Immunology 131:1789 (1983)

**PRESENTATION:** Each monoclonal is delivered in a sealed vial at a concentration of not less than 200µg/2ml in in phosphate buffred saline containing 10mM sodium azide and 1mg/ml bovine serum albumin. We recommend that each laboratory determine an optimum working titre for use in its particular application.

**STORAGE:** Purified monoclonal antibodies are generally stable for long periods at 4oC. However repeated warming to room temperature and re-cooling may result in a loss of activity and hence effective working titre. It is recommended that monoclonal antibodies are aliquotted upon receipt and then stored at -20C. After thawing they should then be used as a stock solution for up to 60 days. Dilute working solutions are best prepared on the day of use.

For research use only. Not supplied for use in human diagnostic or therapeutic procedures

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